

Recreational Use Attainability Analysis

Cover Sheet

Water Body Name: Trib. to Willow Fork No access

Water Body Identification #: 956

Completed UAA Checklist:

- ☒ Pre-Field Preparatory Data Sheet
- ☒ Maps with actual survey sites marked
- ☒ Data Sheet A
- ☒ Data Sheet B – 3 of 3 pages for each site
 - o Number of Sites: 1
- ☐ Data Sheet C (if applicable)
 - o Number of Interviews: _____
- ☒ Photographs
 - o Quantities
 - Upstream 1
 - Downstream 1
 - Other 2

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported in this UAA is true and accurate.

Signed: _____

Date: 6/26/06

Printed Name: Jonathan S. Bear

Telephone #: 410-356-8993

Organization: Tetra Tech

Position: Scientist

Pre-Field Preparatory Data Sheet
for Recreational Use Stream Surveys

Water Body Name: (from USGS 7.5' quad) <u>Tributary to Willow Fork</u>	
8-digit HUC:	Missouri Water Body Identification (WBID) #: <u>956</u>
County: <u>Monteau</u>	
Upstream Legal Description:	
Downstream Legal Description:	
Discharger Facility Name(s): <u>Tipton WWTF</u>	
Discharger Permit Number(s): <u>MO 0094188</u>	
Weather Conditions for Past 7 days: <u>Partly Cloudy, 80's °F</u>	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

WBID # 956

2

Date: 6 / 26 / 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name:	Trib to Willow Fk		
WBID #:	956		
Upstream Coordinates: (WGS 84, ddd.ddddd)	N 38.62997 W 92.76614		
Downstream Coordinates: (WGS 84, ddd.ddddd)	only one site assessed		
Current Weather Conditions:	Clear, 80°F		
Number of Sites Evaluated:	1		
Name(s) of Surveyor(s):	Jon Beann, Alex Parkers		

WBID # 956 Site # 1014

3

Date: 06/26/06**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization - 1 of 3**

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>N 38.62997</u>		Arrival Time:
Longitude (ddd.dddd): <u>W 092.76614</u>		<u>16:15</u>
Photo Ids: Upstream:	Downstream:	Other:
<u>0841</u>	<u>0842</u>	<u>0843 downstream</u> <u>0844 upstream</u> <u>APG-26-06 fence</u>

Narrative Description of Location: (Describe access point to stream, nearby roads, landmarks, etc.)1st crossing on Bahner Quarry Rd.**Surrounding Conditions*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input checked="" type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>agr./cattle pasture</u>	

Human Uses Observed*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:
Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)				

Evidence of Human Use*:

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input checked="" type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input type="checkbox"/> Other:				

Sources of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)

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WBID # 956 Site # 1014

4

Date: 06/26/06

Data Sheet B - Site Characterization - 2 of 3

Stream Morphology:

Upstream View Physical Dimensions:

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	5	5m	20	0.1	0.15
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1.1 m/s</u>					

Downstream View Physical Dimensions:

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	15	4m	20	0.1	1
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1.2 m/s</u>					

Substrate*: (These values should add up to 100%.)

% Cobble	% Gravel	% Sand	% Silt	% Mud/Clay	100% Bedrock
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Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.)

10% algae

Water Characteristics*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input type="checkbox"/> Other:
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 956 Site # 1014

5

Date: 6/26/06

Data Sheet B - Site Characterization – 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

Access was limited to this single site. Stream was fenced off
both upstream and downstream. A woman on a horse who appeared
to own the accompanying land was unhelpful.

JS

WBID # 956 Site # 1014

6

Date: 6/26/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? _____

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

☐ More than 5 times per year

☐ 1 – 5 times per year

☐ Less than 1 time per year – please describe: _____

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

☐ More than 5 times per year

☐ 1 – 5 times per year

☐ Less than 1 time per year – please describe: _____

4. Additional Comments: _____

Contact Information (if willing to provide):

Name:

Address:

Telephone #:

WBID# 0956



Site# 1014 Photo ID# 0841, Upstream



Site# 1014 Photo ID# 0842, Downstream



Site# 1014 Photo ID# 0843, Fence



Site# 1014 Photo ID# 0844, Fence